

APR 23 2007

Application No.: 10/509,354

Docket No.: BTW-087US

21. (previously presented) A device as claimed in claim 1 in which there is a plurality of layers of quantum dots.

**REMARKS**

The Examiner has required restriction between the following inventions in the above-identified application:

Group I, claims 1-3 and 11-21, drawn to a modulator device formed of a semiconductor material, classified in class 257, subclass 21; and


Group II, claims 4-10, drawn to an integrated optical device including a path carrying an incoming optical signal, classified in class 359, subclass 248.

Accordingly, Applicants hereby elect Group I, claims 1-3 and 11-21 for continued examination. Further, as set forth above, Applicants amend independent claims 4 and 8 to depend directly from claim 1, hence making claims 4-10 depend from elected claim 1. For purposes of this Response, Applicants respectfully request the Examiner examine all of the pending claims.

In view of the above amendment, Applicants believes the pending application is in condition for allowance.

Dated: April 23, 2007

Respectfully submitted,

By   
Anthony A. Laurentano  
Registration No.: 38,220  
LAHIVE & COCKFIELD, LLP  
One Post Office Square  
Boston, Massachusetts 02109-2127  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant